


		NTSB ID: DCA05RA086		Aircraft Registration Number: 9M-MRG	
		Occurrence Date: 08/01/2005		Most Critical Injury:	
		Occurrence Type: Incident		Investigated By:	
Location/Time					
Nearest City/Place Perth	State	Zip Code	Local Time 1757	Time Zone	
Airport Proximity:		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Boeing		Model/Series 777-200		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On August 2, 2005, at 1757 local time, a Boeing 777-200, registered in Malaysia as 9M-MRG, operated by Malaysian Airline System, experienced a pitch up about one-half hour after takeoff from Perth, Australia. This event occurred as the flight was climbing through 36,000 feet and while the aircraft was on autopilot. During the pitch up the aircraft climbed to 41,000 feet and the indicated airspeed dropped from 270 knots to 158 knots. The stick shaker and the stall warning indicator activated during the event.</p> <p>The flight landed uneventfully back at Perth.</p> <p>On August 29, 2005, the FAA issued emergency AD 2005-18-51 that superceded an earlier airworthiness directive. It states that operators should install ADIRU-03 software within 72 hours in their Boeing 777 aircraft. It also states that faulty ADIRU data could cause anomalies in 777 primary flight controls, autopilot, pilot displays, autobrakes and autothrottles.</p> <p>The investigation is under the jurisdiction of the Government of Australia. Further information may be obtained from:</p> <p>Australian Transport Safety Bureau 15 Mort Street Canberra City AC 2601 Australia</p> <p>Telephone: 1800 621 372 Fax (02) 6247 3117</p>					
FACTUAL REPORT - AVIATION					

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: DCA05RA086				
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		Occurrence Type: Incident				
<b>Landing Facility/Approach Information</b>						
Airport Name		Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Type Instrument Approach:						
VFR Approach/Landing:						
<b>Aircraft Information</b>						
Aircraft Manufacturer Boeing		Model/Series 777-200		Serial Number		
Airworthiness Certificate(s):						
Landing Gear Type:						
Homebuilt Aircraft? No	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines:		
Engine Type:	Engine Manufacturer:	Model/Series:		Rated Power:		
<b>- Aircraft Inspection Information</b>						
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection Hours		Airframe Total Time Hours		
<b>- Emergency Locator Transmitter (ELT) Information</b>						
ELT Installed?	ELT Operated?	ELT Aided in Locating Accident Site?				
<b>Owner/Operator Information</b>						
Registered Aircraft Owner		Street Address				
		City	State	Zip Code		
Operator of Aircraft MALAYSIAN AIRLINE SYSTEM		Street Address				
		City	State	Zip Code		
Operator Does Business As:			Operator Designator Code: NCYF			
<b>- Type of U.S. Certificate(s) Held: None</b>						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Non-U.S., Commercial						
Type of Flight Operation Conducted: Scheduled; International; Passenger Only						
<div>FACTUAL REPORT - AVIATION</div> <div>Page 2</div>						

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: DCA05RA086																																																																																		
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<b>First Pilot Information</b>																																																																																				
Name			City		State																																																																															
Sex:	Seat Occupied:	Principal Profession:		Certificate Number:																																																																																
Certificate(s):																																																																																				
Airplane Rating(s):																																																																																				
Rotorcraft/Glider/LTA:																																																																																				
Instrument Rating(s):																																																																																				
Instructor Rating(s):																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft?																																																																																				
Current Biennial Flight Review?																																																																																				
Medical Cert.:		Medical Cert. Status:		Date of Last Medical Exam:																																																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time											Pilot In Command(PIC)											Instructor											Last 90 Days											Last 30 Days											Last 24 Hours										
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Seatbelt Used?		Shoulder Harness Used?		Toxicology Performed?																																																																																
<b>Flight Plan/Itinerary</b>																																																																																				
Type of Flight Plan Filed: IFR																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
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Destination		State	Airport Identifier																																																																																	
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 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: DCA05RA086			
		Occurrence Date: 08/01/2005			
		Occurrence Type: Incident			

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation <div style="text-align: center;">Ft. MSL</div>	WOF Distance From Accident Site <div style="text-align: center;">NM</div>	Direction From Accident Site <div style="text-align: center;">Deg. Mag.</div>
Sky/Lowest Cloud Condition:			Ft. AGL	Condition of Light:	
Lowest Ceiling:			Ft. AGL	Visibility: SM	Altimeter: "Hg
Temperature: °C	Dew Point: °C	Wind Direction:		Density Altitude: Ft.	
Wind Speed:		Gusts:	Weather Conditions at Accident Site:		
Visibility (RVR): Ft.	Visibility (RVV) SM		Intensity of Precipitation:		
Restrictions to Visibility:					
Type of Precipitation:					


<b>Accident Information</b>					
Aircraft Damage: None		Aircraft Fire:		Aircraft Explosion	
Classification:					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot					
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -					
Other Ground					
- GRAND TOTAL -					

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FACTUAL REPORT - AVIATION	Page 4
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 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>	NTSB ID: DCA05RA086	
	Occurrence Date: 08/01/2005	
	Occurrence Type: Incident	
<b>Administrative Information</b>		
Investigator-In-Charge (IIC) Robert P. Benzon		
Additional Persons Participating in This Accident/Incident Investigation:		
<div>FACTUAL REPORT - AVIATION</div> <div>Page 5</div>		